INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/005932

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ G07D7/12			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED .			
Minimum documentation searched (classification system followed by classification symbols)			
Int.Cl ⁷ G07D7/00-7/20			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2004			
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where app	· · · · · · · · · · · · · · · · · · ·	Relevant to claim No.
A	JP 2002-163700 A (Nippon Cont 07 June, 2002 (07.06.02),	lux Co., Ltd.),	1-14
	Full text; Fig. 2		,
	(Family: none)		
A	JP 6-135189 A (Canon Inc.),		1-14
-	17 May, 1994 (17.05.94),		
	Full text; Fig. 20 & US 5763891 A	•	
A	JP 6-141135 A (Canon Inc.), 20 May, 1994 (20.05.94),		1-14
	Full text; Fig. 22		
	& US 6051826 A		
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Further documents are listed in the continuation of Box C. See patent family annex.			
* Special categories of cited documents: "I "A" document defining the general state of the art which is not considered to be of particular relevance		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent but published on or after the international "		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive	
filing date "L" document which may throw doubts on priority claim(s) or which is		step when the document is taken alone	
special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is applied with one or more other such documents such combination.	
"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than		combined with one or more other such documents, such combination being obvious to a person skilled in the art	
the priority date claimed "&" document member of the same patent family			tamily
		Date of mailing of the international sea	
12 August, 2004 (12.08.04)		31 August, 2004 (3	1.08.04)
		Authorized officer	
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
		Telephone No.	